

WHAT IS CLAIMED IS:

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1. A toy block set, comprising:

a) a plurality of building blocks each having a plurality of sides for interconnection with each other;

5 b) at least one side of each building block having a semicircular-shaped channel formed therein for alignment with the semicircular-shaped channel of another building block of said plurality of building blocks to form a circular channel;

10 c) each of said building blocks including an extending section and a recessed opening, said extending section of one building block for interfitting with the recessed opening of another building block of said plurality of building blocks; and

15 d) a plurality of cylindrical rod-like members each for placement in one of said circular channels of said aligned building blocks and for extending from said aligned building blocks to support other building blocks in said plurality of building blocks.

2. A toy block set in accordance with Claim 1, wherein said building blocks each have 6 sides.

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3. A toy block set in accordance with Claim 1, wherein each side of said building blocks has at least one semicircular-shaped channel formed therein.

25 4. A toy block set in accordance with Claim 3, wherein at least one side of said building blocks has two semicircular-shaped

channels formed therein.

5. A toy block set in accordance with Claim 1, wherein said cylindrical rod-like member has a length of at least 4 inches.

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6. A toy block set in accordance with Claim 1, wherein said building blocks are solid.

7. A toy block set in accordance with Claim 1, wherein said 10 building blocks are hollow.

8. A toy block set in accordance with Claim 1, wherein said building blocks are made from plastic, wood, metal, or ceramic material.

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9. A toy block set in accordance with Claim 1, wherein said building blocks are in the shape of a polygon.

10. A toy block set in accordance with Claim 1, wherein said 20 each of said building blocks have a recess for receiving and interlocking with other building blocks.

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11. A toy block set in accordance with Claim 1, further including an accordion-shaped support member having a plurality of 25 angled walls for supporting said building blocks.

~~11~~ 12. A toy block set, comprising:

- a) a plurality of building blocks each having a plurality of sides for interconnection with each other;
- 5 b) at least one side of each building block having a partial channel formed therein for alignment with the partial channel of another building block of said plurality of building blocks to form a complete channel;
- 10 c) each of said building blocks including an extending section and a recessed opening, said extending section of one building block for interfitting with the recessed opening of another building block of said plurality of building blocks; and
- 15 d) a plurality of rod-like members each for placement in one of said complete channels of said aligned building blocks and for extending from said aligned building blocks to support other building blocks in said plurality of building blocks.

~~12~~ 13. A toy block set in accordance with Claim ~~12~~, wherein said building blocks each have 6 sides.

20 ~~13~~ 14. A toy block set in accordance with Claim ~~12~~, wherein each side of said building blocks has at least one partial channel formed therein.

25 ~~14~~ 15. A toy block set in accordance with Claim ~~14~~, wherein at least one side of said building blocks has two partial channels formed therein.

15 16. A toy block set in accordance with Claim ~~12~~, wherein said rod-like member has a length of at least  $3/4$  inches.

5 17. A toy block set in accordance with Claim ~~12~~, wherein said building blocks are solid.

18 18. A toy block set in accordance with Claim ~~12~~, wherein said building blocks are hollow.

10 19. A toy block set in accordance with Claim ~~12~~, wherein said building blocks are made from plastic, wood, metal, or ceramic material.

15 20. A toy block set in accordance with Claim ~~12~~, wherein said building blocks are in the shape of a polygon.

21. A toy block set in accordance with Claim ~~12~~, wherein said building blocks each has a recess for receiving and interlocking with other building blocks.

20 22. A toy block set in accordance with Claim ~~12~~, further including an accordion-shaped support member having a plurality of angled walls for supporting said building blocks.

25 23. A toy block set in accordance with Claim ~~12~~, wherein said rod-like members each have a cylindrical shape and wherein said

complete channels are cylindrical in shape and wherein said partial channels are semi-circular in shape.

5 24. A toy block set in accordance with Claim ~~12~~, wherein said plurality of building blocks have more than one shape.

25. A toy block set in accordance with Claim ~~12~~, wherein said extending section is a rectangular shaped tab and said recessed opening is a rectangular shaped channel.

10 26. A toy block set in accordance with Claim ~~12~~, wherein said extending section is a convex shaped section and said recessed opening is a concave shaped section.

15 27. A toy block set in accordance with Claim ~~12~~, wherein said extending section is triangular in shape and said recessed opening is triangular in shape.